

## DEMONSTRATE YOUR FACILITY'S LEADERSHIP IN ENERGY EFFICIENCY

### Energy management and certification

For a limited time, you can bring energy management resources to your industrial facility through a demonstration project sponsored by the U.S. Department of Energy in partnership with states and regions.

The Energy Management Demonstration project will equip your facility with the resources to reduce carbon emissions. Resources include energy management training and coaching to implement the forthcoming international energy management standard (ISO 50001) and may include energy assessments and other U.S. Department of Energy technical assistance.

This demonstration project is an expansion of a successful pilot that generated significant energy savings for the four participating Texas industrial facilities (2008-2010). By participating, your facility will be among a select group of facilities prepared to pursue certification through Superior Energy Performance<sup>cm</sup>, the forthcoming energy management certification program accredited by American National Standards Institute (ANSI) and the ANSI-ASQ National Accreditation Board (ANAB).

**Inquire Today - Be Among the  
First 25 Facilities Certified!**

Check the DOE website for  
available opportunities:  
[http://www.eere.energy.gov/  
industry/energymanagement  
demonstrations/index.html](http://www.eere.energy.gov/industry/energymanagement/demonstrations/index.html)



Receive hands-on assistance toward implementing ISO 50001 and qualifying for Superior Energy Performance before either is launched!

### Selection Criteria

- Senior-level commitment to energy management
- At least one certified management system (e.g., ISO 9001, ISO 14001, ISO 22000, OHSAS 18001) in place
- Plant or company has signed the LEADER Pledge
- Desire to pursue Superior Energy Performance certification

### Benefits

#### Cost savings and carbon reductions

Reduce your facility's energy use and costs by 5–15% over 3 years.

#### ISO 50001-energy management system

Implement a world-class energy management system at your facility.

#### Training and coaching

Receive tailored training and personalized coaching to implement ISO 50001 and identify energy cost-saving opportunities.

#### National recognition

Demonstrate your energy efficiency commitment to customers and shareholders by becoming one of the first facilities in the United States certified to Superior Energy Performance.

## Resources Offered

### THREE 2.5 DAY WORKSHOPS

Training workshops to implement ISO 50001 and meet criteria for Superior Energy Performance

#### 1. PLAN

First workshop defines key elements of planning:

- Understand facilities current energy management environment
- Develop energy policy and set organizational goals to adhere to it
- Establish a baseline of energy use
- Set performance indicators and review processes

#### 2. DO

Second workshop focuses on successful tactical implementation:

- Use baselines to set targets and implement action plans
- Build energy awareness through organization
- Advance manufacturing system competencies through training

#### 3. CHECK/ACT

Third workshop applies measurement to check your improvement curve:

- Use performance indicators to measure success
- Create corrective and preventative action processes
- Prioritize objectives

### ONE-ON-ONE COACHING

Monthly coaching provided by energy consultant

### WEB-BASED SEMINARS

On-going training and instruction

### SAVE ENERGY NOW LEADER RESOURCES

Assessments, assistance to develop energy baseline, & more

## Plant Commitment

The U.S. Department of Energy is dedicating a substantial investment of energy management resources and training to eligible facilities. Participating plants or their parent company must sign the *Save Energy Now* LEADER Pledge, which will entitle them to participation in this demonstration project. Top plant management will also need to commit plant personnel time and resources to attend trainings and to implement an energy management system. Depending on site size and complexity, estimated internal staff time required to adequately support implementation of the energy management system is 0.5 to 1 full-time equivalent (multiple people) over the 18-month period of implementation.

As part of certification to Superior Energy Performance, auditors will review records related to the plant's conformance to ISO 50001 and a minimum of 48 months of the facility's energy consumption data to demonstrate a minimum of 5% in energy performance improvement over a 3-year period. Certification costs will be borne by the plant or other third parties, such as state or utility assistance programs. Certification costs can range between \$6K-\$25K depending on the size of the plant and the type of audit.

## Superior Energy Performance

Superior Energy Performance, an ANSI/ANAB-accredited energy management certification program for facilities, is expected to launch later in 2011. A central element of Superior Energy Performance is implementation of the forthcoming ISO 50001 energy management standard, with additional requirements to achieve and document energy performance improvements.

<http://www.superiorenergyperformance.net/>

## Save Energy Now LEADER

The demonstration projects provide *Save Energy Now* LEADER Companies with a framework to accelerate continuous improvement in energy efficiency and an opportunity to become the first facilities certified by Superior Energy Performance.

<http://www1.eere.energy.gov/industry/saveenergynow/leader.html>

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**Save  
ENERGY  
Now**®

